

MR-1 REPORT CHECK OFF LISTCompany : **ANDARN ELECTRO SERVICE**SCP # : **27400442**Address : **72 Michigan Avenue Paterson, N.J. 07503**Contact : **Dan Patel**

1. Category 40 CFR 413.44, 54, 64 Sub. D, E, & F
2. **Month of August 1, 2008 thru August 31, 2008**
3. Is Permit # Correct? ☒ Y ☐ N ☐ N/A
4. Is regulated flow stated in space provided? ☒ Y ☐ N ☐ N/A
5. Total flow provided in proper space? ☒ Y ☐ N ☐ N/A
6. Is method used to calculate water stated,? ☒ Y ☐ N ☐ N/A
7. Are number of working days stated ? ☒ Y ☐ N ☐ N/A
8. Are there any parameters which have exceeded a daily maximum limit or could cause the company to be out of compliance with a monthly or 4-day average ? ☐ Y ☒ N ☐ N/A
- 8a Are any non-detectable results higher than the permit limits ? ☐ Y ☒ N ☐ N/A
- 8b If the answer to 8a was yes. did the company submit any documentation in support of compliance ? ☐ Y ☐ N ☒ N/A
9. Is proper compliance/non-compliance statement provided ? ☒ Y ☐ N ☐ N/A
10. If applicable is compliance schedule submitted ? ☐ Y ☐ N ☒ N/A
11. Is combined waste stream formula required ? ☐ Y ☐ N ☒ N/A
12. If combined waste stream formula was used, have calculations been submitted correctly ? ☐ Y ☐ N ☒ N/A
13. Have correct number of samples been submitted ? ☒ Y ☐ N ☐ N/A
14. Has sample number been reported in space provided ? ☒ Y ☐ N ☐ N/A
15. Have all regulated parameters been listed on MR-1 ? ☒ Y ☐ N ☐ N/A
16. Has sample type been stated on MR-1 ? ☒ Y ☐ N ☐ N/A
17. Have all samples been taken during this reporting period ? ☒ Y ☐ N ☐ N/A
18. Has NJDEPE certified lab been used ? ☒ Y ☐ N ☐ N/A
19. Have analytical results been submitted on copies of Laboratory stationery ? ☒ Y ☐ N ☐ N/A

- | | | | | |
|-----|---|---------------------------------------|---|-----|
| 20. | Have results been written in space designated on MR-1? | <input checked="" type="checkbox"/> Y | N | N/A |
| 21. | Have average permit limitations been included on MR-1? | <input checked="" type="checkbox"/> Y | N | N/A |
| 22. | Have maximum permit limitations been included on MR-1? | <input checked="" type="checkbox"/> Y | N | N/A |
| 23. | Is method used to preserve samples stated on MR-1? | <input checked="" type="checkbox"/> Y | N | N/A |
| 24. | If non use statement is made do regulations allow exemptions? | <input checked="" type="checkbox"/> Y | N | N/A |
| 25. | Has MR-1 been signed by authorized representative ? | <input checked="" type="checkbox"/> Y | N | N/A |
| 26. | Has information been submitted on proper MR-1 form ? | <input checked="" type="checkbox"/> Y | N | N/A |
| 27. | Have any and all PVSC samples taken during this month been averaged in with the company samples ? | <input checked="" type="checkbox"/> Y | N | N/A |

First Reviewer: comments on deficiencies _____

Date Reviewed 10/29 Date sent to user _____
Date due back _____ Reviewer AR

Second Review comments on deficiencies _____

Date Reviewed _____ Date sent to user _____
Date due back _____ Reviewer _____
Date ok _____ Reviewer _____

PRETREATMENT MONITORING REPORTNAME: ANDARN ELECTRO SERVICE, INC.MAILING ADDRESS: 72 MICHIGAN AVENUE, PATERSON, NJ 07503FACILITY LOCATION: 72 MICHIGAN AVENUE, PATERSON, NJ 07503CATEGORY & SUBPART: 40 CFR 413.44 SP-D, 413.54 SP-E, 413.64 SP-F OUTLET#: 1CONTACT OFFICIAL: DAN PATELTELEPHONE#: 523-2220NEW CUSTOMER ID / OUTLET ID: 27200053-1

MONITORING PERIOD					
8	1	2008	8	31	2008
MON	DAY	YR	MON	DAY	YR
START			END		

	AVERAGE	MAXIMUM
Regulated flow-gal/day	6,450	7,095
Total Flow-gal/day	6,450	7,095

Method Used: Average Regulated & Average Total flow for this outlet from readings of main water meter & well meter, minus sanitary calculation (from readings of sanitary meter) divided by 21 work days in month. Max = Avg flows + 10%.

Parameter	8-4	Mass or Concentration			No. of Samples	Sample type
		Mon Avg	Maximum	Units		
Cd	Sample measurement	<0.001	<0.001	mg/l	1	Comp.
	Permit requirement	0.19	1.2	"		
Pb	Sample measurement	0.018	0.018	"	1	Comp.
	Permit requirement	0.54	0.6	"		
CN (A)	Sample measurement	< 0.02	< 0.02	"	1	Grab
CN (A)	Permit requirement	2.7	5.0	"		
Ni	Sample measurement	1.57	N/A	"	1	Comp
	Permit requirement	5.9	N/A	"		
Zn	Sample measurement	0.126	N/A	"	1	Comp
	Permit requirement	1.67	N/A	"		
Cu	Sample measurement	0.563	N/A	"	1	Comp
	Permit requirement	3.02	N/A	"		
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					
	Sample measurement					
	Permit requirement					

PVSC Form Mr-1 Rev: 4 6/87 P1.

PRETREATMENT MONITORING REPORT**Certification of Non-use (use additional sheets if necessary) Based on Historical Data.**

"Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment limitation (or pretreatment standard) for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since the filing of the last discharge monitoring report. I further certify that this facility is implementing the solvent management plan submitted to the Passaic Valley Sewerage Commission on May 26, 2005." Andarn Electro Service, Inc. is certifying non-use for Mercury for this month.

Compliance or non-compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.

Andarn Electro Service, Inc. is in compliance for 40 CFR 413.44 Subpart - D, 40 CFR 413.54

Subpart E, 40 CFR 413.64 Subpart F, PSES, for dischargers of less than 10,000 gpd for

monitoring conducted by the company during this month and as presented in this report. Andarn

Electro Service, Inc. is also in compliance with all PVSC Local Limits.

Explain Method for preserving samples:

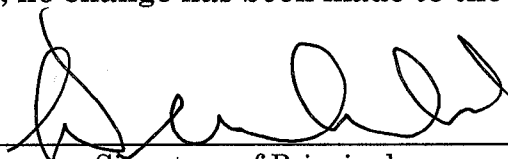
Metal samples were composites that were preserved with HNO₃ to pH < 2.0.

Cyanide sample was a grab which was preserved with NaOH to pH > 12.0.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

"During this monitoring period, no change has been made to the plot plan submitted to PVSC on 8/15/94."



Signature of Principal
Executive or Authorized Agent

DAN PATEL

Plant Manager
Type Name and Title

9/03/2008

Date

PVSC Form MR-1 Rev. 5 3/91 P2

**ANDARN ELECTRO SERVICE - (40CFR 413 and PVSC LOCAL LIMIT MR-1) -
AUGUST 2008**

AVERAGE FLOW CALCULATIONS	21 Work days in month
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MAIN CITY METER (TOTAL FLOW)

792,691 Present Meter Reading
 -783,705 Past Meter Reading
 8,986 Cubic feet
 x7.48
 67,215 Gallons MAIN
 +78,420 Gallons WELL
 145,635 Gallons
 x .95 (-5% Evaporation)
 138,353 Total gallons of City water used this month

WELL METER (PROCESS)

2190920 Present Meter Reading
 -2112500 Past Meter Reading
 78,420 Gallons

6,588 GPD = Average Total Flow from facility.
 21 | 138,353.

INTERNAL WATER METER (SANITARY)

218,943 Present Meter Reading
 -218,556 Past Meter Reading
 387 Cubic Feet
 x7.48
 2,895 Gallons Total Unregulated Flow

FLOW FOR OUTLET # 27200053-1

138,353 Total Flow		
-2,895 Sanitary flow		
135,458 Gallons	21 135,458	6,450 GPD = Average Regulated and Total Flow for OUTLET # 27200053-1

MAXIMUM FLOW CALCULATION (AVERAGE = MAXIMUM + 15%)
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6,450 AVERAGE FLOW
 x1.10 MAX = AVG +10%
 7,095 GPD = MAXIMUM REGULATED and TOTAL FLOW FOR OUTLET # 27200053-1



ANALYTICAL DATA REPORT

for
Andarn Electro-Service
72 Michigan Ave
Paterson, NJ 07503

Project Name: PVSC MONITORING
Lab Case Number: E08-08958

MDL = METHOD DETECTION LIMIT

< = LESS THAN THE MDL

General Analytical

Lab ID: 08958-001
 Client ID: 01
 Percent Moisture: 100

Date Sampled: 8/4/2008
 Time Sampled: 10:30

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Cyanide, Amenable	< 0.020	0.020	Aqueous-mg/L	8/12/2008 10:50

Metals

Lab ID: 08958-002
 Client ID: 02
 Matrix-Units: Aqueous-mg/L
 Percent Moisture: 100

Date Sampled: 8/4/2008
 Time Sampled: 16:00
 Date Analyzed: 8/13/08

Parameter	Result	Q	MDL
Cadmium	< 0.001		0.001
Copper	0.563		0.008
Lead	0.018		0.002
Nickel	1.57		0.004
Zinc	0.126		0.008

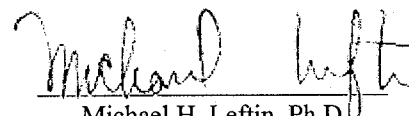
General Analytical

Lab ID: 08958-002
 Client ID: 02
 Percent Moisture: 100

Date Sampled: 8/4/2008
 Time Sampled: 16:00

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Biochemical Oxygen Demand	30.0	2.00	Aqueous-mg/L	8/6/2008 14:00
Total Suspended Solids	410	62.5	Aqueous-mg/L	8/7/2008 12:00

These data have been reviewed and accepted by:


 Michael H. Leftin, Ph.D.
 Laboratory Director

273 Franklin Road
 Randolph, NJ 07869
 Phone: 973 361 4252
 Fax: 973 989 5288



IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (1402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

PROJECT INFORMATION



Case No. E08-08958

Project PVSC MONITORING

Customer	Andarn Electro-Service	P.O. #	
Contact	John Sabo	Received	8/6/2008 13:30
E-Mail	ENVIRO43@aol.com	Verbal Due	8/20/2008
Phone		Report Due	8/27/2008
	Fax (973) 633-7643		
<u>Report To</u>		<u>Bill To</u>	
72 Michigan Ave		Enviro-Comp	
Paterson, NJ 07503		P.O. Box 3457	
		Wayne, NJ 07474-3457	
Attn: John Sabo		Attn: John Sabo	
Report Format	Result Only		
Additional Info	<input type="checkbox"/> State Form	<input type="checkbox"/> Field Sampling	<input type="checkbox"/> Conditional VOA

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
08958-001	01	n/a	8/4/2008@10:30	Aqueous	ug/L	1
08958-002	02	n/a	8/4/2008@16:00	Aqueous	ug/L	2

Sample #	Tests	Status	QA Method
001	Cyanide, Amenable	Run	4500CN C
002	Cadmium - Cd	Run	200.8
"	Copper - Cu	Run	200.8
"	Lead - Pb	Run	200.8
"	Nickel - Ni	Run	200.8
"	Zinc - Zn	Run	200.8
"	BOD	Run	5210B
"	TSS (Suspended)	Run	2540D

INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: E 08

08958

CLIENT:

EC

COOLER TEMPERATURE: 2° - 6°C: ☒

(See Chain of Custody)

Comments

COC: COMPLETE / INCOMPLETE

KEY

☒ = YES/NA
☒ = NO

- ☒ Bottles Intact
- ☒ no-Missing Bottles
- ☒ no-Extra Bottles

- ☒ Sufficient Sample Volume
- ☒ no-headspace/bubbles in VO's
- ☒ Labels intact/correct
- ☒ pH Check (exclude VO's)¹
- ☒ Correct bottles/preservative
- ☒ Sufficient Holding/Prep Time¹

☐ Sample to be Subcontracted

¹ All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY:

INITIAL

S

DATE

8/6/08

CORRECTIVE ACTION REQUIRED:

YES

(SEE BELOW)

NO

CLIENT NOTIFIED:

YES

Date/ Time:

NO

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY:

INITIAL

Ku

DATE

08/06/08

REV 02/05

Laboratory Custody Chronicle

IAL Case No.

E08-08958

Client Andarn Electro-ServiceProject PVSC MONITORINGReceived On 8/ 6/2008@13:30**Department: Metals**

		<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
Cadmium - Cd	08958-002 Aqueous	8/12/08	Lisa	8/13/08	Helge
Copper - Cu	-002 Aqueous	8/12/08	Lisa	8/13/08	Helge
Lead - Pb	-002 Aqueous	8/12/08	Lisa	8/13/08	Helge
Nickel - Ni	-002 Aqueous	8/12/08	Lisa	8/13/08	Helge
Zinc - Zn	-002 Aqueous	8/12/08	Lisa	8/13/08	Helge

Department: Wet Chemistry

		<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
BOD	-002 Aqueous	n/a	n/a	8/ 6/08@14:00	Kris
Cyanide, Amenable	-001 Aqueous	n/a	n/a	8/12/08	jessica
TSS (Suspended)	-002 Aqueous	n/a	n/a	8/ 7/08	Kam

Review and Approval:

